

Transportation-Related and Other Acronyms in Common Usage

Red = Deemed to be particularly common in Caltrans Local Assistance

Last edited 08/18/04

Acronyms have become an increasingly prevalent part of western culture. The use of acronyms in almost all occupations operates as both a communications shorthand, and a way of separating the novices from the knowledgeable.

This list is an attempt to identify and explain those acronyms in particular use in Caltrans Local Assistance. Most have application in Caltrans generally, and some have legal tender in society at large. Many have originated outside of Caltrans and have been adopted.

This list is an individual effort and does not have any official approval from Caltrans at this time. That is both good and bad. It is bad, because in using it, you are relying on the author for accuracy (my liability is hereby limited). It is good because you may make a contribution to this list if you wish. If you find a nice juicy acronym in use in Caltrans Local Assistance that is not in this list, send it to us and we will add it to the list and add your name next to it for credit (or blame). Also, if you disagree with anything in this list or have corrections or comments, let us know, and we will make corrections as appropriate.

AA	Affirmative Action		delivery. Contains use it or lose it language
AAEE	American Academy of Environmental Engineers		whereby funds not obligated within three years of
AA/EO	Affirmative Action and Equal Opportunity		allocation lapse and are distributed to other
AAMAS	Asphalt Aggregate Mixture Analysis System		projects.
AAP	Arterial Analysis Package	AB1475	SR2S established in CA
AAR	Agency Action Request	AB2928	2000: Traffic Congestion Relief Act, \$5 billion.
AARP	American Association of Retired Persons		Also establishes exchange of Fed RSTP & CMAQ
AASHTO	American Assoc. of State Highway Officials		funds for State transportation funds.
AADT	Average Annual Daily Traffic (two way)	AB3929	Transportation Enhancement Relief Act
AADTT	Average Annual Daily Truck Traffic	ABA	Appropriated Budget Authority
AB	Aggregate Base	ABAG	Association of Bay Area Governments
AB69	Created RTPAs	ABET	Accreditation Board for Engineering
AB140	1988, Deddeh Act, revised the STIP process		and Technology
AB402	1977, Alquist/Ingalls Act, California	ABM	Air Blown Mortar
	Transportation Reform Act,	ABME	Area Bridge Maintenance Engineer
	set up the STIP process & CTC	ABS	Acroconitril-Butadiene-Styrene,
AB 872	1999: Authorizes local agencies to spend Fed &		Antilock Braking System
	State matching funds in current STIP for eligible	AC	Advance Construction
	work prior to allocation by CTC.	A&C	Abatement and Control
AB1012	1999: Main intent to reduce large cash balance in	ACB	Asphalt Concrete Base
	State Highway Account by accelerating project	ACE	Alamont Commuter Express;

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	Rail Program – Stockton to San Jose	AIP	American Institute of Planners
ACHP	Advisory Council on Historic Preservation	AIRS	Aerometric Information Retrieval System
ACI	American Concrete Institute	ALGOL	Algebraic Oriented Language
ACOE	Army Corps of Engineers	ALOADS	Automated Location and Design System
ACP	Asphalt Concrete Pavement, Asbestos Cement Pipe	AL	Acceptable Level, regulatory Action Level (water qual.)
ACPA	American Concrete Pavement Assoc.	ALP	Annual Leave Program
ACPPA	American Concrete Pressure Pipe Association	AM	Amplitude Modulation, Anti Meridian
ACR	Allocation Change Request	AMBAG	Association of Monterey County Bay Area Govts
ACSP	Automated Capital Spending Plan	AMBER alert	America's Missing: Broadcast Emergency Response
ACTA	Alameda County Transportation Authority	AMFA	Alternative Motor Fuels Act
ACWP	Actual Cost of Work Performed	AMIS	Automated Management Information System
ADA	Americans with Disabilities Act, Advance Deposit Application (for local program reimbursements.)	AMPS	Advanced Mobile Phone System (ITS)
ADAAG	Americans with Disabilities Act	ANPRM	Advanced Notice of Proposed Rule Making
	Accessibility Guidelines	ANSI	American National Standards Institute
ADIS	Advanced Driver Information System	ANWR	Arctic National Wildlife Refuge (Alaska)
ADM	Arrow Diagramming Method	AO	Agency Object (3-digit code used in TRS, also in WBS)
ADMS	Archived Data Management Subsystem (ITS)	AOA	Activity-on-Arrow
ADR	Alternative Dispute Resolution	AON	Activity-on-Node
AdSC	Administrative Service Center	APA	Asphalt Pavement Alliance
ADT	Average Daily Traffic	APE	Area of Potential Effect
ADUS	Archived Data User Service (ITS)	APCD	Air Pollution Control District
AE	Area Engineer	APDE	Advance Project Development Element
A&E	Architectural & Engineering	APEC	Automated Procedures for Engin. Consultants
AED	Associated Equipment Distributors	APEI	Area of Potential Environmental Impact
AEM	Acoustic Emission Monitoring	APHA	American Public Health Association
AEP	Association of Environmental Professionals	APM	Area Project Managers, Assistant Project Manager
AFD	Architecture Flow Diagram	APN	Assessor's Parcel Number
AFO	Animal Feeding Operation	ARRA	Asphalt Recycling and Reclamation Assoc.
AFT	American Farmland Trust	APS	Advance Planning Study; Accessible Pedestrian Signals
AGC	Association of General Contractors		
AGT	Automated Guideway Transit	APSEA	Asian-Pacific State Employees Association
AHAR	Automatic Highway Advisory Radio	APT	Accelerated Pavement Testing
AHS	Automated Highway System, Average Highway Speed	APTA	American Public Transit Association
AI	Artificial Intelligence; active ingredient Asphalt Institute	APTS	Advanced Public Transportation System (ITS)
AIA	American Institute of Architects	APU	auxiliary power units
AIAC	American Indian Advisory Council	APWA	American Public Works Association
AI/E	Architectural Inventory/Evaluation form	AQCP	Air Quality Control Program
AID	Architecture Interconnect Diagram (ITS)	AQCR	Air-Quality Control Region
AIHA	American Industrial Health Association	AQI	Air Quality Index
AIMS	Agency Information Management Strategy (TMS)	AQMA	Air-Quality Maintenance Area
		AQMD	Air Quality Management District
		AQMP	Air Quality Management Plan

A compiled list of acronyms encountered, mostly, in relation to work at Caltrans. If you have comments, corrections, or additions, forward to dla-training@dot.ca.gov

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ARA	Automatic Road Analyzer	AVR	Average Vehicle Ridership
ARB	Air Resources Board	AWRA	American Water Resources Association
AR's	Attainment Regulations	AWS	Alternate Work Schedule
AREA	American Railway Engineering Association		American Welding Society
ARHM	Asphalt-Rubber Hot Mix	AWT	Average Weekday Traffic
ARHM-GG	Asphalt-Rubber Hot Mix - Gap Graded	AWWA	American Water Works Association
ARM	Air Resources Management		
ARTBA	American Road & Transportation Builders Assoc.		
ARTS	Advanced Rural Transportation Systems		
AS	Aggregate Subbase	BAC	Blood Alcohol Concentration, Budget at Completion
ASAP	As-Soon-As-Possible	BACM	Best Available Control Measures
ASC	Admin. Services Center Accounting Services Center Agricultural Services Center	BACT	Best Available Control Technology
ASCE	American Society of Civil Engineers	BADT	Best Available Demonstrated Technology
ASCI	American Standard Code of Info. Interchange	BAGR	Bridge Approach Guard Rail
ASF	Automotive Safety Foundation	BALI	Basic Arterial Local Intersection
ASHRAE	American Society of Heating, Refrigerating, and Air-Conditioning Engineers	BAMS	Bid Analysis and Management System
ASI	Acceleration Severity Index	BARM	Basic Asphalt Recycling Manual
ASME	American Society of Mechanical Engineers	BART	Bay Area Rapid Transit
ASNT	American Society for Nondestructive Testing	BAS	Bridge Approach Slab
ASPEN	Automated Telephone Answering System	BASS	Black Advocates in State Service
ASR	Archaeological Survey Report; (Evaluation of prehistoric archaeological resources in the project study area) Alkali-silica reactivity	BASIC	Beginners All Purpose Symbolic Instruction Code
ASRP	Aluminum Spiral Rib Pipe	BAT	Best Available Technology, Bureau of Apprenticeship and Training (DOL)
AST	Acceptance Samples and Tests	BB	Beginning of Bridge
ASTM	American Society for Testing Materials	BBS	Bulletin Board System, Battery Backup System
ATA	American Trucking Association	BC	Beginning of Curve
ATIS	Advanced Traveler Information Systems	BCA	Benefit Cost Analysis
ATMS	Advanced Traffic Management Systems	BCO	Thin-Bonded Concrete Overlay
ATPB	Asphalt Treated Permeable Base	BCP	Budget Change Proposal: Official request to D/Finance & Legislature to revise level or sources of funding.
ATSAC	Automated Traffic Surveillance & Control System	BCR	Begin Curb Return
ATSD	Advanced Transportation System Development	BCT	Breakaway Cable Terminal
ATSSA	American Traffic Safety Services Association	BCWP	Budgeted Cost of Work Performed
ATV	All Terrain Vehicle	BCWS	Budgeted Cost of Work Scheduled
AU	Animal Unit	BEA 1990	Budget Enforcement Act of 1990
AVCO	Automatic Vehicle Control Systems	BEAR	Broad Emergency Assistance Radio (System)
AVCS	Advanced Vehicle Control Systems (ITS)	BEES	Basic Engineering Estimating System
AVI	Automated Vehicle Identification	BEP	Business Enterprise Program
AVL	Authorized Vehicle Lane; Automated Vehicle Location (ITS)	BER	Bridge Evaluation Report
AVO	Automated Vehicle Operation (ITS)	BFRs	Brominated Flame Retardants: widely used in plastics, foams, textiles, many electrical appliances, and building materials such as house walls, roofs and parking decks. Increasing

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	amounts of BFR residues have been detected in humans and the environment.	CA	Contract Authority, Certification Acceptance
BHT	Business, Housing, and Transportation Agency	CAATS	Calif. Alliance for Advanced Transportation Systems
BIA	Bureau of Indian Affairs;	CAC	California Administrative Code,
	Building Industry Association		Citizens Advisory Committee
BIOS	Basic Input/Operating System	CAD	Computer-Aided Drafting
BIR	Bridge Inspection Report	CADD	Computer-Aided Drafting and Design
BIT	Binary Digit	CAER	Community Awareness and Emergency Response
BLA	Bicycle Lane Account program (State)	CAFO	Concentrated Animal Feedlot;
BLM	Bureau of Land Management		Consent Agreement/Final Order
BMP	Best Management Practice	CAG	Citizens Advisory Group
BMS	Bridge Management System, process for achieving cost effective maintenance	CAH	Controlled Access Highways
BNF	Backus- Naur Form (ITS)	CALACT	Calif. Association for Coordinated Transportation
BNSF	Burlington Northern Santa Fe	CASASFMRA	California Association of Farm Managers and Rural Assessors
BO	Budget Obligations, Biological Opinion	CALNET	Calif. Integrated Telecom. System (8-....)
BOD	Biochemical Oxygen Demand,	Cal/OSHA	Calif. Office of Safety and Health Administration
	Biological Oxygen Demand	CAM	Caltrans Administrative Manual,
BOD5	biochemical oxygen demand (as measured in the standard 5-day test)		Cooperative Agreement Manual
BSO	Building, Structures and Obstruction report (HPSR)	CAMP	Continuous Air Monitoring Program
BP	Before Present, Boiling Point	CANDE	Culvert Analysis and Design
BPM	Beginning Post Mile.	CAO	Corrective Action Order
	= zero at south or west County line	CAP	Corrugated Aluminum Pipe,
BPR	Business Process Review		Certification Acceptance Plan
	(1997 study of project management in Caltrans)		Corrective Action Plan.
BPR	Bureau of Public Roads		Control Account Plan
BRT	Bus Rapid Transit (ITS)		Cost Allocation Procedure.
BSR	Beginning of Slope Rounding	CAPA	Criteria Air Pollutant
BSW	Back of Sidewalk	CAPM	Corrugated Aluminum Pipe Arch
BTA	Bicycle Transportation Account	CAQP	Capital Preventive Maintenance
BT&H	Business, Transportation and Housing Agency	CAR	Congestion and Air Quality Program
BTOS	Basic Traffic Operations System		Caltrans Action Request,
BTS	Bureau of Transportation Statistics		Cooperative Agreement Report
BUN	Blood Urea Nitrogen	CARB	California Air Resources Board
BVC	Begin Vertical Curve	CARS	Caltrans Auxiliary Radio System
BW	Barbed Wire	CAS	Construction area signs
BWF	Barbed Wire Fence	CASAC	Clean Air Scientific Advisory Committee
		CASE	Computer Aided Software Engineering;
			Computer Aided Systems Engineering (ITS)
		CASP	California Aviation System Plan;
			Corrugated Aluminized Steel Pipe
CAA	Federal Clean Air Act (1970),	CAT EX	Categorical Exemption (State);
	Cable Anchor Assembly		Categorical Exclusion (Federal)
CAAA	Clean Air Act Amendment of 1990,	CATIA	Clean Air and Transportation Improvement Act
	(1977 & 1970)		

B-C

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CaTNAP	California Traffic Noise Analysis Protocol (http://env.dot.ca.gov/env/noise/index.htm)		Caltrans Employment Advisory Committee
CATV	Cable Television	CEBC	Conference
CB	Catch Basin, Citizens Band	CEC	California Energy Commission;
CBA	Cost Benefit Analysis		Caltrans Encroachment Committee
CBC	California Bicycle Coalition,	CELSOC	Consulting Engs. and Land Surveyors of Calif.
	California Building Code	CEMs	Continuous Emissions Monitors
CBD	Central Business District	CEP	Cumulative Exposure Project
CBMC	Causes Beyond My Control (my coinage)	CEQ	Council of Environmental Quality (Federal Agency)
CBO	Congressional Budget Office	CEQA	California Environmental Quality Act (1970)
CBR	California Bearing Ratio	CERCLA	Comprehensive Environmental Response, Compensation/Liab. Act
CBTP	Community Based Transportation Planning grants		
CC	Construction Complete	CERES	Calif. Envir. Resources Evaluation System
CCA	California Coastal Act of 1976	CERF	Civil Engineering Research Foundation
CCAA	Calif. Clean Air Act	CERL	Construction Engineering Research Laboratory
CCAPA	California Chapter of the American Planning Association	CESA	Calif. Endangered Species Act
CCB	Change Control Board	CEU	Continuing Education Unit
CCC	California Coastal Commission;	CFC	Cost of Facilities Capital, Chlorofluorocarbons
	California Conservation Corps	CFDA	Catalogue of Federal Domestic Assistance http://aspe.os.dhhs.gov/cfda/index.htm#newsearch
CCI	Construction Cost Index	CFM	Chlorofluoromethanes
CCIC	Central California Information Center	CFR	Code of Federal Regulations
CCMP	Comprehensive Conservation and Manage. Plan	CFRA	The California Family Rights Act of 1992 is a State law administered and enforced by the California Department of Fair Employment and Housing. CFRA was revised to conform to the Family Medical Leave Act of 1993.
CCO	Contract Change Order		
CCR	California Code of Regulations		
CCROC	California Civil Rights Officers Council		
CCS	California Coordinate System;		
	Construction Control Survey	CFRP	Carbon-Fiber-Reinforced-Plastic
CCSFCC	City-County-State-Federal Cooperation Council	CFS	Cubic feet per second
CCTV	Closed Circuit TV	CFU	Colony Forming Unit (water qual)
CD	Contract delegation (purchase order)	C&G	Curb and Gutter
CDC	Centers for Disease Control	CGP	Construction General Permit (NPDES)
CDF	California Department of Forestry	CH ₄	Methane
CDBG	Community Development Block Grant	CHIN	California Highway Information Network
CDFG	Calif. Dept of Fish & Game	CHP	Calif. Highway Patrol
CDH	California Division of Highways	CHIN	California Highway Information Network: 1-800-427-7623, 999 or www.dot.ca.gov/hq/roadinfo , #999
CDL	California Drivers License		
CDMA	Code Division Multiple Access (ITS)		
CDPD	Cellular Digital Packet Data (ITS)	CHRIS	Calif. Historical Resources Information System
CD(PO)	Contract Delegation (Purchase Order)	CIA	Community Impact Assessment ; Evaluates the impacts that a project may have on community, incl. neighborhoods and farmland.
CE	Categorical Exclusion (NEPA); Categorical Exemption, (CEQA)		
	Construction Engineering	CIC	Critical Intersection Control
CEA	Career Executive Assignment (Appointment)	CIDH	Cast-in-Drilled-Hole
CEAC	County Engineers Association of California;	CIMAC	Caltrans Improves Mobility Across California

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CIP	Capital Improvement Program – 7-year program to maintain or improve traffic LOS & transit performance and to mitigate impacts identified by the CMP;	COL	Collector (Urban)
	Cast-in-Place; cast iron pipe	Congestion	Reduced speeds less than 35 MPH for longer than 15 min.
CIPCP	cast-in-place concrete pipe	COP	Capital Outlay Projects
CIR	Council on Intergovernmental Relations	CORBA	Common Object Request Broker Architecture (ITS)
	Cold In Place (recycling of asphalt)	COS	Capital Outlay Support
CIT	California Institute of Technology	COTR	Contracting Officer Technical Representative (ITS)
CITAB	Calif. Information Technology Advisory Board	COZEEP	COstruction Zone Enhanced Enforcement Program or Patrol
CIU	Controller Interface Unit	CP	Capital Projects
CIWMB	California Integrated Waste Management Board	CPC	Consolidated Planning Committee (STANCOG)
C&L	Certification and Licensing	CPF	Combined Pay Factor
CLAS	California Leave Accounting System	CPFF	Cost-Plus-Fixed-Fee
CLP	Continuous Learning Program	CPH	California Permit Handbook
CLUP	Comprehensive Land Use Plan	CPI	Cost Performance Index
CMA	Congestion Management Agencies	CPIF	Cost-Plus-Incentive-Fee
CMAQ	Congestion Mitigation and Air Quality	CPM	Critical Path Method
CMB	Concrete Median Barrier	CPMC	Capital Projects Management Council
CMC	Construction Metrication Council	CPR	Cardio-Pulmonary Resuscitation
CMP	Congestion Management Program, Plan; Corridor Management Plan (Scenic Highways); Corrugated Metal Pipe	CPRC	California Public Resources Code
		CPSD	Capital Project Skill Development
CMS	Congestion Management System, Changeable Message Signs	CPU	Central Processing Unit
		CPUC	Calif. Public Utilities Commission
CMSA	Consolidated Metropolitan Statistical Area	CRAC	Cold Recycled AC
CMV	commercial motor vehicles	CRAP	Construction Records and Procedures
CNDDDB	California Natural Diversity Data Base	CRB	Contract Review Board
CNG	Compressed Natural Gas	CRCP	Continuously Reinforced Concrete Pavement
CNLM	Center for Natural Lands Management.	CRDA	Cooperative Research and Development Agreement
CNPS	California Native Plant Society (data base)		
CO	Carbon Monoxide	CRHP	California Register of Historic Places
COB	Close of Business	CRIP	Cost Reduction Incentive Proposal
COBOL	Common Business Oriented Language	CRLF	California Red Legged Frog
COBRA	Consolidated Omnibus Reconciliation Act	CRP	Conservation Reserve Program;
COCO	Contractor-Owned/ Contractor-Operated		Combined Road Plans
COD	Chemical Oxygen Demand	CRSI	Concrete Reinforcing Steel Institute
CODP	Career Opportunity Development Program	CRT	Cathode Ray Tube
COE	Category of Expenditure (budgetary grouping)	CRV	California Redemption Value
	U.S. Army Corps of Engineers	CSAC	California State Association of Counties;
COFPAES	Council on the Federal Procurement of Architectural and Engineering Services		California Supervisors Association of California
COG	Council of Governments (local, see LTA)	CSD	Context Sensitive Design
COH	Coefficient Of Haze	CSEA	California State Employees Association
COGO	coordinate geometry	CSHC	Calif. Streets & Highways Code
		CSI	Common Sense Initiative;
			Compliance Sampling Inspection
		CSIP	Corridor Safety Improvement Program

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CSO	Combined Sewer Overflow	CYA	Cover Your Assets (not CT);
CSP	Corrugated Steel Pipe;		California Youth Authority
	Communication Service Provider (ITS)	CZMA	Coastal Zone Management Act
CSPA	Corrugated Steel Pipe Arch	CZARA	Coastal Zone Act Reauthorization Amendments
CSRC	California Special Reference Center (global positioning technologies)		
CSS	Context Sensitive Solutions (involving all stakeholders in the development of a project to ensure that a project fits its physical setting and preserves scenic, aesthetic, historic and environmental resources while maintaining safety and mobility.		
CSTI	California Specialized Training Institute	DAB	Digital Audio Broadcast (ITS)
CSUS	California State University, Stanislaus; Sac.	DAC	Disability Advisory Council
CSWC	Construction Storm Water Coordinator	DAF	Damage Assessment Form
CT	Caltrans Census Tract	DAMP	Drainage Analysis & Modeling Program
CTAA	Community Transportation Assoc. of America	DAR	Defense Access Roads
CTAP	Cooperative Training Assistance Program (Fed)	DARTS	Dynamic Arterial Responsive Traffic Signal System
CTB	Cement Treated Base	DAT	Diagnostic Acceptance Testing
CTC	California Transportation Commission; Nine appointed members	DAT.COM	Director's Advisory Team for Communication
CTE	Center For Transportation And The Environment	DBA	Doing Business As, Decibels, "A" Scale
CTO	Compensatory Time Off	DBE	Disadvantaged Business Enterprise
CTP	California Transportation Plan	DBELO	Disadvantaged Business Enterprise Liaison Officer
CTIFS	Calif. Transportation Infrastructure Funding System	DBMS	Data Base Management System
CTIPS	California Transportation Improvement Plan System. A computer database used by CT & MPOs to input & track Fed. Funded transportation projects. See LPAMS	D/C	Demand Capacity ratio
CTIS	California Transportation Investment Strategy	DCIU	Discrimination Complaint Investigation Unit
CTPB	Cement Treated Permeable Base	DCP	Dynamic Cone Penetrometer
CTR	California Toxics Rule	DCS	Data Collection System
C-TRIS	Calif. Transportation Research Info. System (UCB)	DCU	Discrimination Complaint Unit
CTS	Commuter Transportation Services	DD	District Director; Data Dictionary (ITS)
CTSA	Coordinated Service Transportation Agency	DDC	District Division Chief
CUF	Commercially Useful Function (DBE)	DDD	Deputy District Director
CV	Cost Variance	DDE	Data Dictionary Element (ITS)
CVAS	Commercial Vehicle Administration Subsystem (ITS)	DDT	DichloroDiphenylTrichloroethane
CVCS	Commercial Vehicle Check Subsystem (ITS)	DEB	District Environmental Branch
CVHAS	Cooperative Vehicle-Highway Automation Systems	DED	Draft Environmental Document
CVISN	Commercial Vehicle Info. Systems and Networks (ITS)	DEIR	Draft Environmental Impact Report (CEQA)
CVO	Commercial Vehicle Operations (ITS)	DEIS	Draft Environmental Impact Statement (NEPA)
CVS	Commercial Vehicle Subsystem (ITS)	DEN	Data Exchange Network (ITS)
CWA	Clean Water Act	DES	Division of Engineering Services
CWD	Corridor Wide Display System (ITS)		Diethylstilbesterol
CWNS	Clean Water Needs Survey	DF	Douglas Fir
CY	Calendar Year	DFD	Data Flow Diagram (ITS)
		DfE	Design for the Environment
		DFEH	Department of Fair Employment and Housing (California)
		DFG	Dept of Fish and Game (Cal)
		DGAC	Dense Graded Asphalt Concrete
		DGAC(R)	Dense Graded Asphalt Concrete (Rubberized)
		DGPS	Differential Global Positioning System (ITS)
		DGS	Department of General Services

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DHS	Department of Health Services	DSI	Detailed Site Investigation
DHHS	Department of Health and Human Services (Feds)	DSMP	District System Management Plan
DHV	Two way Design Hourly Volume	DSRC	Dedicated Short Range Communications (ITS)
DI	Drainage Inlet	DST	Daylight Savings Time
DIB	Design Information Bulletin	DSWC	District Storm Water Coordinator
DIB 82	Pedestrian Accessibility Guidelines for Highway Projects	DTA	Dynamic Traffic Assignment (ITS)
DIP	Diamond Interchange Program	DTAC	Departmental Transportation Advisory Committee
DLAE	District Local Assistance Engineer	DTBB	double thrie beam barrier
DLR	Detection Limit for Reporting (water qual.)	DTIM	Direct Travel Impact Model
DMBB	Double metal beam barrier	DTM	Digital Terrain Modeling
DME	District Materials Engineer	DTR	Director's Tracking Report (tracks consultant services contracts)
DMR	Discharge Monitoring Report		
DMS	Dynamic Message Sign (ITS)	DVAC	District Value Analysis Coordinator
DMT	Division of Mass Transportation	DVBE	Disadvantaged Veteran Business Enterprise
DMV	Department of Motor Vehicles	DWEL	Drinking Water Equivalent Level
DNA	deoxyribonucleic acid	DWNS	Drinking Water Needs Survey
DND	Draft Negative Declaration	DWR	Dept. of Water Resources
DOA	Division of Aeronautics; Division of Accounting	DWS	Drinking Water Standard
DOC	Department of Commerce (Feds)		
DOD	Department Of Defense		
DOE	Department Of Energy; District Office Engineer		
DOF	Department of Finance	EA	Expenditure Authorization; Endangerment Assessment; Enforcement Agreement; Environmental Action; Environmental Assessment ; Environmental Audit
DOJ	Department of Justice (Feds)		
DOL	Department of Labor (Feds)		
DLA	Division of Local Assistance (formerly OLP)		
DOL FOH	Dept. of Labor Field Operations Handbook (Feds)		
DOS	Division of Structures; Disk Operating System	EAC	Estimate at Completion
DOT	Dept. of Transportation	EAP	Employee Assistance Program; Environmental Action Plan
DOTP	Division of Transportation Planning		
DPA	Dept. of Personnel Administration	EAR	Employee Action Report
DPI	Dots per Inch	EBL	Eligible Bridge List
DPR	Department of Parks and Recreation (The Office of Historic Preservation which administers Section 106 of the Historic Preservation Act is part of State Parks and Recreation. Hence, the DPR forms for Section 106.)	EC	Environmental Coordinator, End Horizontal Curve, End Curve
DRB	Dispute Review Board	ECPA	Electronic Communications Privacy Act (ITS)
DRI	Division of Research & Innovation	ECR	Engineering Cost Reporting system, End of Curb Return
DRIM	Draft Relocation Impact Memo	ED	Environmental Document
DRIS	Draft Relocation Impact Study/Statement	EDA	Employee Development Appraisal
DROA	departmental restriction of appointments	EDAPTS	Environmental Document Approved Efficient Development of Advanced Public Transportation Systems
DSA	Division of the State Architect, Disturbed Soil Area	EDI	Electronic Data Interchange (ITS)
DSB	Donor State Bonus funds	EDM	Electronic Distance Measuring
DSC	Division of Structure Construction	EDP	Electronic Data Processing; Early Deployment Plan (ITS)

D-E

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EDW	effluent-dominated water	ESMR	Enhanced Specialized Mobile Radio (ITS)
EEG	electroencephalogram	ESP	Enhanced Services Program
EEM	Environmental Enhancement & Mitigation program (State)	ESR	End of Slope Rounding
EEO	Equal Employment Opportunity	ESU	Evolutionary Significant Unit (fall, winter & spring runs of salmon)
EEOC	Equal Employment Opportunity Commission	ET	Earliest Time of Completion
EEZ	Exclusive Economic Zone, 200 miles beyond coast, Magnusen-Stevens Act	ETC	Estimate to Complete, Electronic Toll Collection (ITS)
EF	Early Finish	ETBE	Ethyl Tertiary Butyl Ether
EFH	Essential Fish Habitat	ETS	Emergency Telephone Services (ITS)
EFT	Electronic Fund Transfer	ETTM	Electronic Toll Collection and Traffic Management
EIR	Environmental Impact Report (CEQA)	ETW	Edge of Traveled Way
EIS	Environmental Impact Statement (NEPA)	EV	Earned Value
EIT	Engineer-in-Training	EVC	End Vertical Curve
EJ	Environmental Justice	EWRI	Environmental & Water Resources Institute (of ASCE)
EKG	electrocardiogram	EXPEAR	Expert System Pavement Evaluation and Rehabilitation
ELI	Element Level Inspection (bridges)	E-76	Authorization to Proceed Summary Form
EMC	Event Mean Concentration (Storm Runoff); Emergency Management Center (ITS)		
EMMS	Emissions Management Subsystem (ITS)	FAA	Federal Aviation Administration
EMS	Extinguishable Message Signs Equipment Management Systems	FACTS	Flexible Advanced Computer Traffic Signal System
EO	Equal Opportunity, Executive Order	FADS	Federal Aid Data System: System which DLAEs & HQ enter project information and which links CT to FHWA's FMIS system. Does not link to LP2000.
EOC	Emergency Operations Center		
EOG	Education And Outreach Group		
EOS	Equivalent Opening Size (Geotextile-Fabric); Edge of Shoulder	FAE	Federal-Aid Eligibility Code: This single-digit code is a prefix used with the three-digit Agency Object Code to form the Caltrans four-digit Object (FAE 6, 7, or 8) and Activity (FAE 1 or 2) Codes. The FAE denotes whether or not the Object/Activity Code is eligible for federal reimbursement. FAE 1 or 6 denotes eligibility for federal reimbursement, FAE 2 or 7 denotes non-eligibility for reimbursement, and FAE 8 denotes undetermined eligibility.
E&P	Environmental & Permit		
EPA	Environmental Protection Agency	FAHP	Federal Aid Highway Program
EPCRA	Emergency Planning and Community Right-to-Know Act	FAI	Federal Aid Interstate
EPI	Economic Policy Institute	FAP	Federal Aid Primary
EPL	Excluded Partial List (DBE)	FAPG	Federal Aid Policy Guide
EPM	Ending Post Mile	FAQ	Frequently Asked Questions
EPROM	Erasable Programmable Read-Only Memory	FAR	Federal Acquisition Regulations
ER	Emergency Relief (Fed)	FARA	Federal Acquisition Reform Act
ERC	Emergency Resource Center	FARES	First American Real Estate Solutions
ERISA	Employee Retirement Income Security	FARS	Fatal Accident Reporting System (ITS)
ERNS	Emergency Response Notification System	FAS	Federal Aid Secondary Funding
ERPP	Ecosystem Restoration Program Plan (CALFED)		
ES	Early Start		
ESA	Endangered Species Act; Environmentally Sensitive Area		
ESAL	Equivalent Single Axle Load, 80 kN		
ESC	Engineering Services Center		

E-F

Transportation-Related and Other Acronyms in Common Usage

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FAU	Federal Aide Urban funding	FLSA	Fair Labor Standards Act
F&C	Frame & Cover	FM	Function Manager
F&G	Frame & Grate	FMC	Freeway Management Center (ITS)
FCAA	Federal Clean Air Act of 1990	FMCS	Fleet Management and Control Systems
FCWA	Federal Clean Water Act	FMCSA	Federal Motor Carrier Safety Administration
FCR	Flexible Congestion Relief program (State, discontinued)	FMIS	Federal Management Information System
FDR	Full Depth Reclamation (of pavement)	FMLA	Family and Medical Leave Act of 1993
FE	Fund Estimate; Fugitive Emissions	FMMP	Farmland Mapping and Monitoring Program
FEBBS	Federal Electronic Bulletin Board System	FMP	Fishery Management Plan; File Maker Pro
FED	Final Environmental Document (EIS, ND or FONSI)	FMS	Fleet Management Subsystem (ITS)
FEHA	Fair Employment and Housing Act (Calif.)	FMU	Forest Management Unit
FEIN	Federal Employer Identification Number	FMVSS	Federal Motor Vehicle Safety Standards
FEIR	Final Environmental Impact Report (CEQA)	FNMA	Federal National Mortgage Association ("Fannie Mae")
FEIS	Final Environmental Impact Statement (NEPA)	FNM-76	Form to FMIS, auth. to proceed
FEMA	Federal Emergency Management Agency	FO	Functionally Obsolete (bridge)
FERC	Federal Energy Regulatory Commission	FOE	Finding of Effect ; Friends Of the Earth
FES	Flared end section	FOI	Freedom of Information
FESA	Federal Endangered Species Act	FOIA	Freedom Of Information Act
FF	Free Float / Finish to Finish	FONSI	Finding of No Significant Impact (NEPA)
FFA	Future Farmers of America	FOT	Field Operational Test (ITS)
FFGA	Full Funding Grant Agreements	FPA	Fair Practices Act (subletting and subcontracting)
FFP	Firm Fixed Price	FPIF	Fixed-Price-Incentive-Fee
FFS	Fee For Service health plan	FPN	Federal Project Number (FADS)
FFY	Federal Fiscal Year (October 1 thru September 30)	FPPA	Farmland Protection Policy Act (US – 1984)
FHLMC	Federal Home Loan Mortgage Corporation (Freddie Mac)	FPPP	Facility Pollution Prevention Plans
FHPM	Federal Aid Highway Program Manual	FPR	Final Program Review
FHWA	Federal Highway Administration; administers Federal highway funds	FR	Federal Register
FICA	Federal Insurance Contributions Act	FRA	Federal Railroad Administration
FIF	Final Inspection Form	FRIS	Final Relocation Assistance Statement
FIP	Federal Implementation Plan	FRM	Federal Reference Method, Final Rule Making
FIPS	Federal Information Processing Standard (ITS)	FRO	Federal Resources Office
FIR	Federal Indian Reservation	FRP	fiber reinforced polymer, used in concrete
FIRM	Federal Insurance Rate Maps (Flood Plains)	F-SHRP	Future Strategic Highway Research Program
F/L	Finance Letter	FSOR	Final Statement of Reasons
FLEP	Forest Land Enhancement Program (U.S. Forest Service)	FS	Finish-to-Start
FLHD	Federal Land Highway Division	FSA	Flexible Spending Account health plan
FLHP	Federal Lands Highway Program Floodplain Risk and Location Hydraulic Study: Analyzes the potential for impacts that a project may have on increasing risk of flooding.	FSHCC	Fast Setting Hydraulic Cement Concrete
		FSP	Freeway Service Patrol
		FSR	Feasibility Study Report; Financial Study Report
		FSTIP	Federal Statewide Transportation Improvement Program . Prepared by CT per ISTEA, includes all highway and transit projects funded under Title 23 and Federal Transit Act. It is the global funding

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	document incorp. Programming for MPO TIPs, State STIP, SHOPP and local rural Federal aid work.	GRAS	Generally Recognized as Safe
		GR	Guard Rail
		GRH	Guaranteed Ride Home
FTA	Federal Transit Administration; administers Federal transit funds, alloc. dir to local agencies. Urban Mass Transportation Act of 1964	GSA	General Services Admin.
		GUI	Graphical User Interface
FTB	Franchise Tax Board	GVW	Gross Vehicle Weight
FTE	Focused Training Evaluation	GVWR	Gross Vehicle Weight Rating
	Full-time Employee		
FTIP	Federal Transportation Improvement Program; 3-year list of transportation projects proposed within the planning area of an MPO. Short range version of RTP. Projects are drawn from the STIP and SHOPP.		
FTP	File Transfer Protocol, Federal Test Procedures	HA	Health Advisory
FU	Functional Unit	H&T	Hub and Tack
FVMSS	Federal Motor Vehicle Safety Standards	HABR	Historic American Building Record
FWD	Falling Weight Deflectometer	HABS	Historic American Buildings Survey
FWPCA	Federal Water Pollution Control Act	HAER	Historic American Engineering Record
FWS	Fish & Wildlife Service (US)	HAP	Hazardous Air Pollutant
FY	Fiscal Year	HAPPS	Hazardous Air Pollution Prioritization System
		HAR	Highway Advisory Radio
		HASR	Historic Architecture Survey Report; Evaluation of historic structures in the project study area
		HAZMAT	Hazardous Materials
		HAZOPS	Hazardous Operations
		HB&M	Humboldt Base and Meridian
		HBO	Health Benefits Office
		HBRR	Highway Bridge Rehab. & Replacement (Fed program)
GAAP	Generally Accepted Accounting Principles	HCM	Highway Capacity Manual (Transportation Research Bd.)
GAO	General Accounting Office	HCP	Habitat Conservation Plan
GAR	Governor's Action Request	HCS	Hazard Communication Standard
GARVEE	Grant Anticipation Revenue Vehicle bonds	HDD	Horizontal Directional Drilling
GASB 34	Governmental Accounting Standards Board statement 34 (calls for state and local transportation agencies to include the costs of infrastructure assets in their financial statements)	HDM	Caltrans Highway Design Manual
GATS	General Agreement on Trade in Services	HDPE	High Density Polyethylene
GDP	Gross Domestic Product	HEDTL	Harmer E Davis Transportation Library
GE	Gravel equivalent	HEEP	Health and Environmental Effects Profile
GEP	Good Engineering Practice	HEPA	Highly Efficient Particulate Air (Filter)
GERT	Graphical Evaluation and Review Technique	HERS-ST	Highway Economic Requirements System-State Version software (for planning and scheduling highway work and determining future highway system needs.)
Gf	Gravel Factor		
GFE	Good Faith Effort	HES	Hazard Elimination Safety program (Fed)
GHSA	Governors Highway Safety Association	HFC	Hydrofluorocarbon
GHSR	Governor's Highway Safety Representative	HHS	U.S. Department of Health and Human Services
GIS	Geographic Information Systems	HI	Height of Instrument (surveying)
GNMA	Government National Mortgage Association ("Ginnie Mae")	HIC	Highway Interchange Center
GOGO	Government-Owned/ Government-Operated	HMA	Hot Mix Asphalt
GPS	Global Positioning System	HMO	Health Maintenance Organization

G-H

F-G

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HMP	Hydromodification Management Plan (to control post-development peak stormwater runoff discharge rates and duration)		
HMS	Highway Maintenance System	IAST	Independent Assurance Sampling and Testing
HMTA	Hazardous Materials Transportation Act	IBRC	Innovative Bridge Research and Construction program (FHWA – TEA-21)
HMWM	High Molecular Weight Methacrylate (deck crack mitigation)	IBTC	International Border Trade Corridor
HOV	High Occupancy Vehicle (2 and in some cases 3 or more per car.)	ICAS	Internet Contract Administration System
HP	Horse Power	ICES	Inter-modal Corridors of Economic Significance
HPC	High Performance Concrete (also UHPC)	I/D	Incentive/Disincentive
HPMS	Highway Performance Monitoring System	IDL	Interface Definition Language (ITS)
HP&R	Highway Planning and Research	IDP	Individual Development Plan
HPS	High Performance Steel	IEEE	The Institute of Electrical and Electronic Engineers
HPSR	Historic Properties Survey Report; Summarizes findings of HRER, ASR and HASR	IEN	Information Exchange Network (ITS)
HR	Human Resource	IFB	Invitation for Bid
HRAC	Hot Recycled AC	IGR	Inter Governmental Review
HRER	Historic Resource Evaluation Report; Evaluation of historic significance of certain man made features (canals) in the project study area	IHSDM	Interactive Highway Safety Design Model (software)
HRI	Highway Rail Intersection	I/I	Infiltration and Inflow
HRIS	Highway Research Information Service, Human Resources Information System	IIP	Inter-regional Improvement Program
HSDB	Hazardous Substance Data Base	ILD	Inductive Loop Detector
HSIS	Highway Safety Information System	IMMS	Integrated Maintenance Management System
HSNS	Highway System of National Significance	IMPC	Integrated Plant Management and Control
HSP	Highway Safety Plan	IMPROVE	Interagency Monitoring of PROtected Environments
HSPF	Heating Season Performance Factor	IMS	Intermodal Facilities and Systems Management System
HSOPP	Highway Systems Operations & Protection Plan	ILV/hr	Intersecting Lane Vehicles per hour
HSR	High Speed Rail, Historic Survey Report	IP	Internet Protocol, Implementation Package
HSRI	Highway Safety Research Institute	IPA	Information Practices Act; places specific requirements on State agencies in the collection, use, maintenance, and dissemination of information relating to individuals.
HTF	Highway Trust Fund	IPG	Interagency Planning Group
HTIMS	Highway Technology Information Management System	IRIS	Integrated Risk Information System
HTML	Hypertext Markup Language	IRP	Interregional Partnership (STANCOG)
HTTP	Hypertext Transport Protocol	IRR	Intercity Rail; Indian Reservation Roads
HUD	Housing & Urban Development; Head Up Display (ITS)	IRRS	Interregional Route System
	Hydrology and Water Quality Study: Analyzes the increase in storm water runoff likely to occur and the potential impacts on water quality a project may have.	IRS	Internal Revenue Service
HUTA	Highway User Tax Account	IRVM	Integrated Roadside Vegetation Management
HVAC	Heating, Ventilation, and Air-Conditioning system	IRWA	International Right of Way Association
HWMP	Hazardous Waste Management Plan	IS	Information Services, Initial Study
		ISA	Initial Site Assessment; Evaluates potential for encountering hazardous materials in the project study area.
		ISC	Indirect Source Control
		ISEA	International Safety Equipment Assoc.

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ISO	International Standards Organization http://www.iso.ch/iso/en/ISOOnline.frontpage
ISP	Information Service Provider
ISSC	Information Systems Service Center
ISTEA	Intermodal Surface Transportation Efficiency Act
IT	Information Technology
ITA	Intertribal Transportation Association
ITE	Institute of Transportation Engineers
ITS	Intelligent Transportation Systems
ITS America	Intelligent Transportation Society of America http://www.itsa.org/
ITSP	Interregional Transportation Strategic Plan
ITI	Intelligent Transportation Infrastructure
ITII	International Technical Information Institute
ITIP	Interregional Transportation Improvement Program; Portion of STIP that includes Caltrans selected projects (25% of fund)
ITMS	Integrated Traffic Management System; or Intermodal Transportation Management System
ITS	Intelligent Transportation Systems; Institute of Transportation Studies (UC Berkeley)
ITSP	Interregional Transportation Strategic Plan
IUOE	International Union of Operating Engineers
IVHS	Intelligent Vehicle-Highway Systems (now ITS)
IVI	Intelligent Vehicle Initiative
IVIS	In Vehicle Information System (ITS)

I-J

JB	Junction Box
JCL	Job Control Language
JCP	Jointed Concrete Pavement
JP	joint pole
JPA	Joint Powers Agreement
JPCP	Jointed Plain Concrete Pavement
JRCP	Jointed Reinforced Concrete
JS	junction structure
JUA	?

J-K

KBES	Knowledge Based Expert System (Symbolic reasoning & Heuristics)
KISS	Keep It Simple, Stupid (not CT)
KSA	Knowledge, Skills and Abilities

K-L

LA	Local Agency
LAAPS	Local Agency Automated Pay System
LACMTA	Los Angeles County Metropolitan Transportation Authority
LACTC	Los Angeles County Transportation Commission
LAFCO	Local Agency Formation Commission
LAMBRA	Local Agency Military Base Recovery Area
LAN	Local Area Network
LAP	Local Assistance Program
LAPG	Local Assistance Program Guidelines
LAPM	Local Assistance Procedures Manual
LARTS	Los Angeles Regional Transportation Study
LASC	Landscape Architecture Standards Committee
LCA	Least Cost Alternate
LCB	Lean Concrete Base
LCC	Local Coastal Commission, League of California Cities, Life Cycle Cost
LCCA	Life Cycle Cost Analysis
LCD	Liquid Crystal Display (Power Point Projector)
LCO	Labor Compliance Officer Local Capital Outlay projects
LCP	Local Coastal Plan
LCS	Lane Control Sign
LDAP	Lightweight Directory Access Protocol
LDPE	Low Density Polyethylene
LDS	Labor Distribution System
LEAD	Local Equivalent Area Drainage method
LED	Light Emitting Diode
LEDPA	Least Environmentally Damaging Practicable Alternative
LEL	Lowest Explosive Level
LEM	Location Efficient Mortgage (see TOD)
LEO	Low-Earth Orbit Satellite System
LEP	Limited English Proficiency
LESS	Least Cost Estimating & Scheduling System
LF	Late Finish; Linear Foot
LIBOR	London InterBank Offered Rate
LIM	Land Inventory and Monitoring system (SCS)
LIP	Local Intersection Program
LJAC	Local Jurisdiction Advisory Committee
LLP	Limited Liability Partnership
LOC	Local
LOE	Level of Effort
LOL	Layout Line

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LOP	Letter of Permission	MAIT	Multidisciplinary Accident Investigation Team
LOS	Level of Service (A=freeflow, F=gridlock)	MAN	Metropolitan Area Network (ITS)
LPA	Local Programs Accounting	MAP	Million Annual Passengers,
LPAMS	Local Programs Accounting Management System: provides appropriation management and tracks expenditures for local assistance projects. Extracts data from CTIPS allowing LP2000 to process allocations.	MAR	Multiple Alternative Planning
LPG	Liquid Petroleum Gas	MATES	Material Adjustment Report
LPP	Local Programs Procedures	MB	Materials and Technology Engineering and Science
LPP#	Local Programs Procedure #	MBB	Metal Beam, Megabytes
LRDC	Labor Relations Decision Council	MBE	Metal Beam Barrier
LRFD	Load & Resistant Factor Design	MBGR	Minority Business Enterprise
LRH	Last Resort Housing	MBO	Median Barrier Guard Rail
LRMS	Location Reference Messaging Standard (ITS)	MC	Management by Objectives
LROP	Long Range Operations Plan	MCAG	Medium curing
LRT	Light Rail Transit	MCD	Merced County Assoc. of Governments
LS	Lump sum, Late Start, Land Surveyor	MCE	Minor Civil Division
LSSRP	Local Seismic Safety Retrofit Program	MCEDC	Maximum Credible Earthquake
LSTP	Local Surface Transportation Plan	MCFC	Merced City Economic Development Corp.
LSUM	Linear Synchronous Unipolar Motor	MCL	Molten Carbonate Fuel Cell
LT	Limited Term	MCLG	Maximum Contaminant Level
L&T	Lead and Tack (surveying)	MCM	maximum contaminant level goal (water qual)
LTA	Local Transportation Authority	MCP	Minimum Control Measures (water qual)
LTAP	Local Technical Assistance Program	MCSAP	Municipal Compliance Plan
LTC	Local Transportation Commission	MDB&M	Motor Carrier Safety Assistance Program
LTEC	Least Total Expected Cost to the public design	MDI	Mt. Diablo Base and Meridian (surveying)
LTF	Local Transportation Fund; receives TDA revenues = 0.25% sales tax for transit, bike & pedestrian	MEA	Model Deployment Initiative (ITS)
LTMA	Lightweight Truck Mounted Attenuator	MEP	Master Environmental Assessment
LTPP	Long-Term Pavement Performance	MERS	Minority Engineering Programs,
LTS	Lime Treated sub-Base	MESO	Maximum Extent Practicable (water qual)
LUICE	Land use Inventory Contingency and Edit	META	Maintenance Employees' Reporting System
LUST	Leaking Underground Storage Tank	METS	Maintenance Employee Safety Orientation
LVDT	Linear Variable Differential Transformers	MG	Maintenance Equipment Training Academy
LVR	Low Volume Road	MID	Materials Engineering and Testing Services
L-M		MIME	Minimum Guarantee funds
MA	Master Agreement; Minimum Allocation funds: Minor Arterial	MIS	Modesto Irrigation District
MACT	Maximum Achievable Control Technology	MITMT	Multipurpose Internet Mail Extension
MADT	Monthly average daily	MJC	Minor Project- Less than \$750,000, not STIP or SHOPP. In California, minor capital outlay consists of construction projects or equipment acquired to complete a construction project estimated to cost less than \$750,000. The California Transportation Commission allocates a fiscal year level for this category with specific project allocation approval delegated to the Department. Minor is further segregated into two categories: Minor A - Minor construction projects with an estimated contract value between \$117K - \$750K. Minor B - Minor construction projects with an estimated value less than \$117,000.
MAGLEV	Magnetic Levitation Transportation Technology Deployment Programs	MLRA	Management Information Systems,
			Major Investment Study
			Major Incident Traffic Management Team
			Major Collector (Rural); Modesto Junior College
			Major Land Resources Area

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MMANC	Municipal Management Association of Northern California	NACE	National Association of Corrosion Engineers, National Association of County Engineers
MMI	Man-Machine Interface (ITS)	NACG	National Association of County Governments
MMSI	Maintenance Management System Improvement	NAC	National Association of Counties
MNC	Minor Collector (Rural)	NAD	North American Datum (surveying)
MOA	Memorandum of Agreement	NAE	no adverse effect, National Academy of Engineering
MODEM	Modulator/Demodulator (Convert binary to analog signal for phone)	NAER	National Architectural and Engineering Record
MOE	Measure of Effectiveness	NAFTA	North American Free Trade Agreement
MOS	Metal-Oxide Semiconductor, margin of safety	NAGPRA	Native American Graves Protection & Repatriation Act of 1990
MOST	Methodology for Optimizing Signal Timing	NAHC	Native American Heritage Commission
MOU	Memorandum of understanding	NAHSC	National Automated Highway System Consortium
MPGR	Metal Plate Guard Railing	NAICS	North American Industrial Classification System
MPO	Metropolitan Planning Organization	NALEO	National Association of Latino Elected and Appointed Officials
MPU	Microprocessing Unit	NAMS	National Air Monitoring Stations
MSA	Merit Salary Adjustment Metropolitan Statistical Area Management System Activities, a two digit code for levels 5,6 or 7 in WBS, also on TRS Medical Savings Account health plan Maintenance Superintendents Association	NAP NAPA NAPCA	Non-attainment Area Plan National Academy for Public Assistance, National Asphalt Paving Association, National Automobile Parts Association National Air Pollution Control Administration
MS-DOS	MicroSoft-Disk Operating System	NAR	National Architecture Review (ITS)
MSDS	Manufacturers Safety Data Sheet	NARD	Numerical Analysis of Roadside Design
MSE	Mechanically Stabilized Earth Retaining	NARSTO	North American Research Strategy for Tropospheric Ozone
MS4	Municipal Separate Storm Sewer System	NAS	National Academy of Sciences
MSL	Maintenance Service Level, Mean Sea Level	NASA	National Aeronautics and Space Administration
MSW	Municipal Solid Waste	NASR	Negative Archeological Survey Report
MT	Mass Transit	NASS	National Accident Sampling System
MTA	Mass Transit Account	NATTTC	National Association of Transportation Technology Transfer Centers
MTC	Metropolitan Transportation Commission (Bay Area)	NAV	Navigation
MTD	Memo-To-Designers	NAWCA	North American Wetlands Conservation Act
MTDB	Metropolitan Transit Development Board (San Diego)	NB	Northbound
MTMC	Military Traffic Management Command	NBI	National Bridge Inventory, bridge data supplied by states for the NBIS (see also BMS)
MTP	Mass Transportation Program, Metropolitan Transportation Plan	NBIS	National Bridge Inspection Standards, are minimum requirements for inspection standards
MUTCD	Manual of Uniform Traffic Control Devices	NBS	National Bridge Inventory System National Bureau of Standards
MVMA	Motor Vehicle Manufacturers Association	NBSSR	Noise Barrier Scope Study (or Summary) Report for sound wall projects
MWBE	Minority Women-owned Business Enterprise	NCAC	National Crash Analysis Center
	M-N	NCAPA	Northern California Asphalt Producers Assoc.
NA	National Architecture (ITS)		
NAA	Non-attainment Area		
NAAQS	National Ambient Air Quality Standards		

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NCAT	National Center for Asphalt Technology	NIPC	National Infrastructure Protection Center (FBI)
NCCER	National Council for Civil Engineering Research	NIST	National Institute of Standards and Technology
NCEER	National Center for Earthquake Engineering Research	NLAA	Not Likely to Adversely Effect
NCHRP	National Cooperative Highway Research Program	NLT COB	No Later Than Close Of Business
NCPP	National Center for Pavement Preservation	NMCSP	National Motor Carrier Safety Program
NCSL	National Conference of State Legislatures	NMFS	National Marine Fisheries Service
ND	Negative Declaration, None Detected (water qual)	NMSL	National Maximum Speed Limit
NDAA	Natural Disaster Assistance Act	NO	Nitric Oxide
NDI	Non-Industrial Disability Insurance	NOA	Naturally Occurring Asbestos; Notice of Arrival
NDSP	National Dam Safety Program	NOAA	National Oceanic and Atmospheric Administration
NDT	Non-Destructive Testing	NOAEL	no-observed-adverse-effect level
NE	no effect	NOEL	No Observable Effect Level
NEAR	National Emergency Aid Radio	NOC	Notice of Construction
NEDS	National Emissions Data System	NOCC	Notice of Construction Completion
NEEP	National Experimental and Evaluation Program	NOD	Notice of Determination
NEHRP	National Earthquake Hazards Reduction Program		(CEQA – project approval)
NEIS	National Environmental Information Service	NOI	Notice of Intent
NEMA	National Electrical Manufacturers Association		(NEPA process, notice placed in Federal Register
NEPA	National Environmental Policy Act (1969)- all Fed. funded projects require Fed. review		advising public that EIS will be prepared for a project)
NES/BA	Natural Environmental Survey / Biological Assessment; Evaluation of native species and habitat found in project study area.	NOL	Naval Ordnance Laboratory
		NOP	Notice of Preparation
NESHAP	National Emission Standards for Hazardous Air Pollutants	NOPR	Notice Of Proposed Rulemaking
NET	National Emissions Trends Inventory	NOS	National Oceanic Survey
NFIP	National Flood Insurance Program	n.o.s.	not otherwise specified
NFPA	National Fire Prevention Association	NOT	Notice of Termination
NGS	National Geodetic Survey	N2O	Nitrous Oxide
NGVD	National Geodetic Vertical Datum	NOx	Nitrogen Oxides
NHI	National Highway Institute	NORM	Naturally Occurring Radioactive Material
NHPA	National Historic Preservation Act, Federal, 1966, esp. section 106. See also State Public Resources Code Sections 5024 and 5024.5	NPDES	National Pollutant Discharge Elimination System (revised thanks to Mary MacGillivray, District 7 Office of Project Studies)
NHPN	National Highway Planning Network	NPHQ	National Partnership for Highway Quality
NHS	National Highway System	NPRM	Notice of Proposed Rule Making
NHSB	National Highway Safety Bureau	NPS	National Park Service
NHTSA	National Highway Traffic Safety Administration		Non-point Source
NIA	National ITS Architecture	NRC	National Research Council
NICET	National Institute for Certification in Engineering Technologies	NRCS	Natural Resources Conservation Service, formerly SCS
NIH	National Institutes of Health	NRCP	Non Reinforced Concrete Pipe
NII	National Information Infrastructure (ITS)	NRDC	Natural Resources Defense Council
NIMBY	Not In My Back Yard	NRHP	National Register of Historic Places
NIOSH	National Institute for Occupational Safety and Health	NRI	National Resources Inventory
		NRVMA	National Roadside Vegetative Management Association
		NS	Non-Regulatory Supplement

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NSF	National Science Foundation	OHWM	Ordinary High Water Mark
NSIS	National Safety Information Systems	OIG	Office of the Inspector General
NSPE	National Society of Professional Engineers	OIP	Order of Immediate Possession
NTCIP	National Transportation Communications for ITS Protocol	OJT/SS	On the Job Training/Supportive Services
NTI	National Transit Institute	OLP	Office of Local Programs, @ HQ; admin of Fed. Aid & Local Assist. Now DOLA
	National Toxics Inventory	OJT	On-the-job training
NTIS	National Technical Information Service	OMB	Office of Management and Budget
NTN	National Truck Network	OPA	Other Principal Arterial
NTP	Notice To Proceed, National Transportation Policy, National Toxicology Program	OPEC	Organization of Petroleum Exporting Countries
	National Transportation Public Affairs Workshop	OPO	Office of Personnel Operations
NTPAW		OPPD	Office of Project Planning and Design
NTR	New Technology and Research	OPPTS	Office of Prevention, Pesticides, and Toxic Substances (U.S. EPA)
NTSB	National Transportation Safety Board	OPR	Office of Planning and Research (governor's)
NTU	Nephelometric Turbidity Units	ORC	Organizational Review Committee
NURP	Nationwide Urban Runoff Program	ORCP	Oval Reinforced Concrete Pipe
NWI	National Wetland Inventory	OREA	Office of Real Estate Appraisers
NWP	Nation Wide Permit (Section 404)	OSC	Office of Structure Construction
N-O		OSHA	Occupational Safety and Health Administration (U.S.)
		OSI	Open Systems Interconnection (ITS)
OA	Obligation Authority (Federal, \$/year)	OSM&I	Office of Structures and Maintenance Inspection
OAQPS	Office of Air Quality Planning and Standards, U.S. EPA	O ₃	Ozone
OBM	Office of Business Management	OST	Office of the Secretary of Transportation; Out of State Travel
OBS	Organization Breakdown Structure	OT	Overtime
OBRA90	Omnibus Budget Reconciliation Act of 1990	OTI	Office of Traffic Improvement
OC	Over-crossing	OTP	Operational Test Plan (ITS)
OCP	Office of Community Planning	OTS	Office of Traffic Safety
OCTA	Orange County Transportation Authority	OWM	Office of Wastewater Management (EPA)
O&D survey	Origin and Destination	OWP	Overall Work Plan or Program
O&M	Operation and Maintenance	O-P	
OE	Office Engineer, Operating Expense		
OEA	Office of External Audits, Office of Energy Assessments, Office of Environmental Analysis	P2	Pollution Prevention
	Office of Enforcement and Compliance Assurance (U.S. EPA)	P3	Primavera Project Planner (software)
OECA		P4	Pollution Prevention Permitting Project
OEM	Original Equipment Manufacturer	P&P	Policy and Procedure Directive
OES	Office of Emergency Services	P&R	Park-and-Ride
OFCCP	Office of Federal Contract Compliance Programs	PABS	Programming and Budgeting System
OGAC	Open Graded Asphalt Concrete	PAC	Policy Advisory Committee
OGAC(R)	Open Graded Asphalt Concrete (Rubberized)	PACT	Program Accountability in Caltrans
OH	Overhead	PADP	Ports Access Demonstration Project
OHP	Office of Historic Preservation (Cal.)	PA&ED	Project Approval & Environmental Document
		PAI	Principal Arterial – Interstate

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PAMS	Photochemical Assessment Monitoring Stations	PDH	Professional Development Hour
PA/SI	Preliminary Assessment / Site Investigation	PDM	Probabilistic Dilution Model ;
PAP	Perforated aluminum pipe		Precedence Diagramming Method
PAQSD	Primary Air Quality Standards	PDO	Property Damage Only
PAR	Personnel Action Request, Project Authorization Request, Project Approval Report	PDPM	Project Development Procedures Manual
PARF	Position Action Request Form	PDRC	Pavement Design and Rehabilitation Committee
PASSER II	Progression Analysis and Signal System Evaluation Routine	PDS	Project Development Support
PATH	Partners for Advanced Transportation and Highways	PDT	Project Development Team
PAYT	Pay As You Throw	PE	Preliminary Engineering, Polyethylene, Professional Engineer, Project Engineer
PB	Paint binder; Pull Box	PEAR	Preliminary Environmental Assessment Report
Pb	Lead	PECG	Professional Engineers in California Government
PBA	Performance Based Asphalt	PEDP	Professional Engineer Development Program
PBDEs	polybrominated diphenyl ethers (see BFRs)	PEER	Permit Engineering Evaluation Report
PBMS	Performance Based Measurements Systems	PeMS	Performance Measurement System
PBO	Programmatic Biological Opinion	PERMIS	Personnel Employee Records for the Management Information System
PBX	Private Branch Exchange	Permit 106	Review process for the National Historic Preservation Act
PC	Program Coordinator; Prime Coat; Party Chief; Personal Computer	Permit 1601	A streambed alteration agreement for U.S. Department of Fish & Game
PCA	Portland Cement Association	Permit 4(f)	Use of parkland Permit
PCBs	Polychlorinated Biphenyls	404 Permit	issued by the U.S. Army Corps of Engineers
PCC	Point of compound curvature; Portland Cement Concrete	Permit 7	Pertains to the Endangered Species Act
PCCP	Portland Cement Concrete Pavement, Pre-stressed Concrete Cylinder Pipe	PERS	Public Employees Retirement System
PCE	Programmatic Categorical Exclusion (NEPA), Perchloroethylene	PERT	Project Evaluation and Review Technique
PCEPH	Passenger Car Equivalents Per Hour	PES	Preliminary Environmental Study
PCI	Paint Condition Index; Precast/Prestressed Concrete Institute	PET	Project Estimating Tool
PCi/L	Pico Curies per Liter (water qual., radioactivity)	PF	Planned Finish Date, Pay Factor
PCP	Primary Care Physician	PFCs	Perfluorinated Carbons
PCS	Personal Communications System	PFT	Permanent Full Time
PCSD	President's Council on Sustainable Development	PG&E	Pacific Gas and Electric
PCR	Project Change Request	PHG	Public Health Goal (water qual) set by CEPA
PCS	Project Control Survey; Permit Compliance System	PHS	U.S. Public Health Service
PCVC	Point of compound vertical curve	PI	Permanent Intermittent
PD	Project Development	PIA	Project ITS Architecture
PDA	Personal Digital Assistant	PIAS	Personal Information Access Subsystem (ITS)
PDF	Portable Document Format – Adobe Acrobat stuff	PKm	Post Kilometer
		PLH	Public Land Highway (Fed program)
		PI	Permanent Intermittent (Civil Service Appointment), preliminary investigation, Point of Intersection
		PIB	Personnel Information Bulletin
		PIC	Private Industry Council

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PID	Project Initiation Document	PPE	personal protective equipment
PIER	Post-Implementation Evaluation Report	PPIC	Public Policy Institute of California
PIMS	Personnel Information Management System	PPM	Planning, Programming & Monitoring,
PIN	Personal Identification Number,		Policy and Procedures Memorandum
	Priority Index Number	ppm	Parts Per Million
	(for barrier rail replacement projects)	PPNO	Planning and Programming Number
PIO	Public Information Officer	PPO	Preferred Provider Organization
PIP	Payroll Input Process, Project Initiation Proposal	PPT	Permanent-Part Time (Employee)
PISA	Project Information System & Analysis,	ppt	part per trillion
	or Administration	PQS	Professionally Qualified Staff
PK	Parker-Kalan Nail	PR	Project Report
P/L	Property line	PRC	Point of Reversing Curve
PLA	Project Labor Agreement	Prop 116	State bicycle program
PLP	Personal Leave Program	PRF	Pavement Reinforcing Fabric
PLUM	Projected Land Use Model	PRISM	Performance and Registration Information System
PM	Project Manager; Post Mile;		Management (not PRSM)
	Preventive Maintenance; Particulate Matter	PR2/2A	Fed/State supplemental agreement and
PMBOK	Project Management Body of Knowledge		modification to agreement (being phased out)
PMCS	Project Management Control System	PRS	Performance Related Specifications
PMDW	Project Management Data Warehouse	PRSM	Project Resources and Schedule Management
PMI	Project Management Institute		(not PRISM)
PMP	Perforated Metal Pipe;	PRVC	point of reverse vertical curve
	Project Management Professional	PS	Planned Start Date
PMPM	Project Management Procedures Manual	PSA	Program Supplemental Agreement;
PMR	Position Management Report		Precursor System Architecture (ITS)
PMS	Pavement Management System;	PSCS	Project Schedule and Control System
	Parking Management System (ITS)	PSDP	Planning Staff Development Program
PMSU	Project Management Support Unit	PS&E	Plans, Specs and Estimate
PM-10	Particulate Matter 10 microns or smaller	PSI	Preliminary Site Investigation;
PN	Paving Notch		pounds per square inch
PO	Purchase Order		Pollutant Standards Index
POC	Pedestrian Over-Crossing;	psig	Pressure Per Square Inch Gauge
	Point on (horizontal) curve	PSM	Point Source Monitoring
POE	Port of Entry	PSP	Pedestrian Safety Program;
POGO	Privately-Owned/ Government-Operated		perforated steel pipe
POM		PSR	Project Study Report for STIP projects,
PONTIS	AASHTO supported bridge management program		preprogramming information.
POP	Post Office Protocol	PSS	Personnel Services Specialist
POS	Point Of Service health plan	PSSR	Project Scoping Summary Report
POT	Point on tangent		for SHOPP projects
POVC	Point on vertical curve	PSTIP	Proposed State Transportation Improvement Program
P&P	Policy & Procedure	PSTN	Public Switched Telephone Network
ppb	Parts Per Billion	PTA	Public Transportation Account;
PPC	Plastic Pipe Culvert		the major State account for mass transportation
PPDG	Project Planning and Design Guide	PTMS	Public Transportation Management System

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P2P TCD	Peer-to-Peer program on Traffic Control Devices (FHWA)	RCM	Reliability Centered Maintenance
PTS	Positive Train Separation (ITS)	RCP	Reinforced Concrete Pipe
PUC	Public Utilities Commission	RCR	Route Concept Report, part of planning process which provides a service concept
PVC	Polyvinyl Chloride	RCRA	Resource Conservation and Recovery Act
PVEA	Petroleum Violation Escrow Account	R&D	Remove & Dispose
PY	Person – Year (1758-1800 hours)	RDO	Regular Day Off
PYE	Person Year Equivalent	RDP	Route Development Plan, part of planning process which provides alternatives
PYPSCAN	Person Year Project Scheduling & Cost Analysis	RDNA	Recombinant DNA
P-Q		RDS	Radio Data Systems (ITS)
QAP	Quality Assurance Program, Qualification Appraisal Panel	R&S	Remove & Salvage
QA/QC	Quality Assurance/ Quality Control	RE	Resident Engineer
QBS	Qualification Based Selection	REMOVE	Reduced Motor Vehicle Emissions Program
QCIP	Quality and Continuous Improvement Program	REVISIT	RBS Evaluation, Verification, Integration & Support Improvement Team
QCRP	Quality Control Review Process	RFA	Request for Authorization
QIP	Quality Improvement Plan	RFB	Request for Bid
QoS	Quality of Service	RFG	Reformulated Gasoline
Q-R		RFP	Request for Proposal
RA	Reasonable Alternative; Regulatory Alternatives; Regulatory Analysis; Remedial Action; Resource Allocation; Risk Analysis; Risk Assessment	RFQ	Request for Qualifications
			Request for Quotation
		RFS	Richmond Field Station (UCB)
		RIA	Regulatory Impact Analysis; Regional ITS Architecture
RABA	Revenue Aligned Budget Authority , annual funding adjustment highway program to firewall level reflecting receipt estimates.	RICO	Racketeer Influenced and Corrupt Organizations Act
RAC	Rubberized Asphalt Concrete	RIFA	Red Imported Fire Ant
	Research Advisory Committee	RIP	Regional Improvement Plan
RACM	Reasonable Available Control Measures (air qual.)	RLF	Red Legged Frog
RAD	Rapid Application Development, Radiation Adsorbed Dose	RM	risk management
RAM	Responsibility Assignment Matrix	RMP	Regional Mobility Plan
RAN	Revenue Anticipation Note	RNA	Ribonucleic Acid
RAO	Regional Administrative Officer	ROD	Record of Decision
RAP	Relocation Assistance Program or Payments; Reclaimed Asphalt Pavement	ROE	Report of Expenditures
RAPID	Rural Agency Project Implementation District	ROG	Reactive Organic Gases
RAQS	Regional Air Quality Strategy	RRC	Rural Residential Center
RAS	Regional Arterial System	RRR	Resurfacing (overlay), Restoration (to original condition), Rehabilitation (upgrade guardrail, widen shoulders, etc.)
RAW	Revenue Anticipation Warrant (“bridge” loan)	R/S	Resource / Schedule
RBS	Resource Breakdown Structure	RSP	Roadway Safety Program (ATSSA)
RCA	Recycled Concrete Aggregate	RSPA	Research and Special Programs Admin.
		RSTP	Regional Surface Transportation Program
		RTIF	Regional Transportation Impact Fee

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RTIP	Regional Transportation Improvement Program , 75% of STIP funds. List of projects submitted to CTC by RTPAs for seven year horizon, updated every two years.	SCFM	Standard Cubic Feet Per Minute
		SCH	State Clearing House
		SCO	State Controllers Office
		SCOH	Standing Committee on Highways
RTL	Ready To List	SCS	Soil Conservation Service (now NRCS)
RTP	Regional Transportation Plan , Federally required 20-year plan by MPO's, updated every 3-years	SCSP	Storm and Combined Sewer Program
		SD	Structurally Deficient (bridge), Standard Deviation
RTPA	Regional Transportation Planning Agency , State designated agency responsible for prep. of RTP & RTIP	SDC	Seismic Design Criteria
		SDO	Standards Development Organization
		SDP	Strategic Deployment Plan
RTS	Remote Traveler Support Subsystem (ITS)	SDWA	Safe Drinking Water Act
RWQCB	Regional Water Quality Control Board	SEA	Systems Engineering Analysis
		SEAC	Sulfur Extended Asphalt Concrete
		SEC	U.S. Securities and Exchange Commission
		SEP	Special Emphasis Program
			Special Experimental Project; (ex.: FHWA allowed states to evaluate the design-build method on an experimental basis through SEP-14.
SAAMP	Special Area Aquatic Management Plan		USDOT Act of 1966, Protects publicly owned parks, recreational areas, wildlife and water fowl refuges and land from historic sites
SAB	Seismic Advisory Board	Section 4(f)	Of Endangered Species Act of 1973
SACOG	Sacramento Area Council of Governments	Section 7	Prohibited Acts
SADBU	Small And Disadvantaged Business Utilization	Section 9	Habitat Conservation Plans
SAE	Society of Automotive Engineers	Section 10	National Historic Preservation Act of 1966.
SAFEs	Service Authorities for Freeway Emergencies	Section 106	Protection of cultural resources and historic properties.
SAFETEA	Safe, Accountable, Flexible and Efficient Transportation Equity Act of 2003	Section 130	Railroad / Highway At-Grade Crossings
			Safety Program
SAIN	Substance Abuse Information Network	Section 404	of the 1977 Federal Clean Water Act
SAM	State Administrative Manual	SER	Standard Environmental Reference http://www.dot.ca.gov/ser/
SAME	Society of American Military Engineers		Scheduled Finish Date / Start-to-Finish;
SAMI	Stress-Absorbing Membrane Interlayer		Standard Form; Superfund
SANBAG	San Bernardino Associated Governments		San Francisco-Oakland Bay Bridge
SANDAG	San Diego Association of Governments		Single Focal Point
SAP	Sampling and Analysis Plan		Streets & Highways Code – laws governing funding & development of projects
SAPA	State Asphalt Paving Associations		SHA State Highway Account ; Major account for highways (gas tax & weight fees)
SAVE	Society of American Value Engineers		State Highway Agency
SB	Senate Bill	SF	State Historic Building Safety Board
SBB&M	San Bernardino Base and Meridian (surveying)	SFOBB	Subsystem of Highways for the Movement of Extralegal Permit Loads
SB45	1997; State increased authority of RTPA's, etc. Est. current STIP process; timely use	SFP	
SBS	Sick Building Syndrome	S&H Code	
SC	Slow Curing; Start Construction		
SCADA	Supervisory Control and Data Acquisitions		
SCAG	Southern California Association of Governments		
SCANDI	Surveillance Control and Driver Information System		
SCBT	segmental concrete bridge technology	SHBSB	
SCC	self-consolidating concrete (use of plasticizers)	SHELL	
SCE	Southern California Edison		
SCEDCO	Stanislaus County Economic Development Corporation		

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SHOPP	State Highway Operation and Protection Program , four & ten-year capital improvement program for rehabilitation, safety, and operational improvements on state highways. Cannot increase roadway capacity. SB 1435-Kopp	SMR	Specialized Mobile Radio
SHRP	State Highway Research Program	SMS	Highway Safety Management System
SHS	State Highway System	SMSA	Standard Metropolitan Statistical Area
SHPO	State Historic Preservation Officer	SMTP	Simple Mail Transfer Protocol
SHRC	State Historical Resources Commission	SNAFU	Situation Normal All Fouled Up (polite form)
SHWL	Seasonal High Water Level	SNAP	Sonic Nap Alert Pattern (Penn. Turnpike type rumble strip)
SI	International System of Units (The Modernized Metric System)	SNC	Significant Noncompliance
SI&A	Structure Inventory and Appraisal	SNMP	Simple Network Management Protocol (ITS)
SIB	State Infrastructure Bank	SO	Sulfur Dioxide
SIC	Standard Industrial Classification, Standard Industry Code	SOAP	Signal Operations Analysis Package
SIG	Special Interest Group	SOC	Synthetic Organic Chemicals
SIGOP	Signal Optimization	SOF	State Only Funding
SIMS	Sign Inventory Management System	SOFC	solid oxide fuel cell, see APU
SIP	State Implementation Plan; air qual. Required by Fed, CAA of 1970. In order to be eligible for Fed \$ projects must demonstrate conformity to SIP.	SONET	Synchronous Optical Network (ITS)
SISA	Special In-grade Salary Adjustment	SOQ	Statement of Qualifications
SJCOG	San Joaquin Council of Government	SOV	Single Occupancy Vehicle
SJHTC	San Joaquin Hills Transportation Corridor	SOW	Statement of Work
SJVAPCD	San Joaquin Valley Air Pollution Control District	SO ₂	Sulfur Dioxide
SLA	Structures Local Assistance , Symbionese Liberation Army (different people, same acronym)	SOx	Sulfur Oxides
SLAE	Structure Local Assistance Engineer	SPB	State Personnel Board
SLAMS	State and Local Air Monitoring Stations	SPE	Start Preliminary Engineering
SLIMS	?	SPI	Schedule Performance Index
SLC	State Land Commission	SP&R	State Planning & Research
SLD	Sea Level Datum	SR2S	Safe Routes to School program (Fed) (est. by AB 1475, ext. by SB 10)
SLIP	Serial Line Internet Protocol	SPB	State Personnel Board
SLPDP	State and Local Project Development Program	SPMIT	Statewide Project Management Improvement Team
SLTC	Soluble Threshold Limit Concentration (Cal)	SPRR	Southern Pacific Railroad
SLTPP	State Local Transportation Partnership Program State, discontinued)	SQL	Standard Query Language
SMARA	Surface Mining and Reclamation Act (Calif.)	SR	Sufficiency Rating (bridge) or State Route
SMART	Structure Maintenance Automatic Report Transmittal system Goals: Specific, Measurable, Achievable, Realistic, Time limited.	SRF	State Revolving (Loan) Fund (Clean Water Act)
SMBB	single metal beam barrier	SROA	State Restriction of Appointments
		SRP	Secondary Road Plans
		SRT	Slotted Rail Terminal
		SRTP	Short Range Transit Plans
		SS	Scheduled Start Date / Start-to-Start
		SSE	Separate State Estimate
		SSA	Sole Source Aquifer
		SSB	Scope, Schedule, and Budget
		ssambn	such sums as may be necessary
		SSN	Social Security Number
		SSes	Sewer System Evaluation Survey
		SSO	Sanitary Sewer Overflow

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SSPP	Structural Steel Plate Pipe	SWITRS	Statewide Integrated Traffic Records System
SSPs	Standard Special Provisions	SWLF	Solid Waste Landfill
SSR	Standard Speed Rail	SWMP	Storm Water Management Plan
SSTAC	Social Service Transportation Advisory Council	SWMU	Solid Waste Management Unit
STA	State Transit Assistance; State funding for mass transit oper. & cap. Imp., By law, STA must receive 50% of PTA revenues	SWPPP	Storm Water Pollution Prevention Plan
STA	State Transportation Agency	SWQAG	Storm Water Quality Assessment Guide
STAA	Surface Transportation Assistance Act of 1982	SWRCB	State Water Resources Control Board
STANCOG	Stanislaus Council of Governments	SWTF	Storm Water Task Force
STAPPA	State And Territorial Air Pollution Program Administrators	SYSOP	Systems Operator
STBB	Single Thrie Beam Barrier	S-T	
STC	State Training Center	T2	Technology Transfer
STD	Sate Transportation Department	TA	Technical Advisory
STE	State Transportation Enhancement	TAC	Technical Advisory Committee
STEL	short-term exposure limit	TAC/ALC	Technical Advisory Committee for Agricultural Land Conservation
STIP	State Transportation Improvement Program , 4-year list of projects approved by CTC and is a list of major projects. ITIP (25%) & RTIP (75%)	TAG	Technical Advisory Group
STC	State Training Center	TAM	Transportation Asset Management (FHWA, resource allocation strategies)
STMF	Simple Transportation Management Framework (ITS)	TAS	Toll Administration Subsystem
STMP	Simple Transportation Management Protocol (ITS)	TAR	Tribal Authority Rule
STO	Smart Testing Operations	TASAS	Traffic Accident Surveillance and Analysis System
STP	Surface Transportation Program (Fed) (Formerly FAU or FAS) Study; Standard Temperature and Pressure	TAT	Tire Anchor Timber Wall
STPP	Surface Transportation Policy Project	TAU	Temporary Authorization Appointment
STPL	Surface Transportation Program (Local)	TB	Top of Bank
STRAHNET	STRAtegic Highways NETwork	TBB	Thrie beam barrier
STRUDL	Structural Design Language (computer program)	TBC	Top Back of Curb
STURAA	Surface Transportation and Uniform Relocation Assistance Act (1987)	TC	Top of Curb
SU	Source Unit	TCA	Transportation Corridor Agency
SUDP	Specific Urban Development Plan	TCB	Traffic Control Box
SULEV	super ultra low emission vehicles	TCCC	Transportation Curriculum Coordination Council (FHWA led pooled fund study for training management and development under NHI)
Superpave	Superior PERforming asphalt PAVements	TCDD	Dioxin (Tetrachlorodibenzo-p-dioxin)
SUSMP	Standard Urban Stormwater Mitigation Plan	TCDH	Traffic Control Devices Handbook
SV	Schedule Variance	TCE	Trichloroethylene
SW	Sidewalk Storm Water	TCI	Transit Capital Improvement program
SWAG	Stuff We All Get Scientific Wild Ass Guess (not CT. We don't guess, we know)	TCIP	Transit Communications Interface Profiles (ITS)
SWDR	Storm Water Data Report	TCLP	Toxicity Characteristic Leaching Procedure (Fed)
		TCM	Transportation Control Measure – to reduce pollution emissions.
		TCP	Traffic Control Plan
		TCP/IP	Transmission Control Protocol/Internet Protocol
		TCR	Transportation Concept Report; Transportation Corridor Report

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TCRA	Traffic Congestion Relief Act (AB2928)		Truck Inspection Facility
TCRF	Traffic Congestion Relief Fund	TIFIA	Transportation Infrastructure Finance & Innovation Act
TCRP	Transportation Congestion Relief Program,		
	Transit Cooperative Research Program	TIGER	Topologically Integrated Geographic Encoding Referencing System
TCS	Transportation Control Strategy, Traffic Controller Synchronizer, Traffic Control Systems, Transportation Corridor Study Toll Collection Subsystem	TIP	Transportation Improvement Program
		TIS	Travelers Information System
T&D	Training and Development	TISE	Take It Somewhere Else
TDA	Transportation Development Act; State law, 1971, 0.25% sales tax for transit & bike	TISP	The Infrastructure Security Partnership (Congress of Infrastructure Security for the Built Environment)
TDD	Telecommunications Device for the Deaf	T&L	Time and Labor
TDIP	Technology Deployment Initiatives and Partnerships	TL	Transportation Laboratory
		TLI	Terrain Line Interpolation
TDM	Transportation Demand Management; Travel Demand Management	TLV	Threshold Limit Value
		TMA	Transportation Management Assoc. or Area
TDMA	Time Division Multiple Access (ITS)	TMC	Transportation Management Center; Traffic Management Center
TDP	Transportation Development Plan (Formerly RDP), Tons Per Day (air qual.)	TMCC	Truck-Mounted Crash Cushion
		TMDD	Traffic Management Data Dictionary (ITS)
TDS	Total Dissolved Solids	TMDL	Total Maximum Daily Load; ...Limit
TE	Transportation Engineer	TMIP	Travel Model Improvement Program
T&E	Threatened and Endangered (species)	TMP	Transportation Management Plan
TEA	Transportation Enhancement Act or Activities program (Fed)	TMS	Traffic Management (or Monitoring or Maintenance) System or Subsystem, see TSM
		TNT	Trinitrotoluene
TEAM	Together Everybody Achieves More (not CT)	TOC	Traffic Operations Center; Total Organic Carbon/ Compound, Section 4(f)
TEC	Travel Expense Claim; Total Escalated Cost		
TEA-21	Transportation Equity Act for the 21 st Century (Fed); 1998-2004	TOD	Transit Oriented Development
		TOMIS	Traffic Operations Management Information Service
TeNS	Technical Noise Supplement (http://env.dot.ca.gov/env/noise/index.htm)	TON	Threshold of Odor Number (water qual)
TERO	Tribal Employment Rights Office or Ordinances	TOPICS	Traffic Operations Program to Improve Capacity & Safety
TF	Total Float / Target Finish Date	TOPSS	Transportation Operations and Project Support System (New time system)
TFHRC	Turner-Fairbank Highway Research Center (McLean, VA)	TOS	Traffic Operations System
THC	Total Hydrocarbons	TOT/MVM	Total Accidents Per Million Vehicle Miles
THM	Trihalomethanes	TP	Turning Point (surveying)
TI	Traffic Index, = 9.0(ESAL/1,000,000) ^{0.119} ; Temporary Intermittent	TPB	Treated Permeable Base
		TPC	Technical Planning Committee
TIC	Technical Information Center	TP&D	Transportation Planning & Development account
TID	Turlock Irrigation District	TPL	Truck Passing Lane
TIE	Toxicity Identification Evaluation	TPM	Transportation Planning Manual
TIES	Total Integrated Engineering System	TQM	Total Quality Management
TIF	Transportation Investment Fund;		

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TRAMS	Transportation Accounting & Management System: developed to meet the Department's reporting needs and to respond effectively to the requirements placed on the Department as a result of the implementation of the California Fiscal Information System.	TWLTL	Two Way Left Turn Lane
TRAQ	Transportation Air Quality Center	UA	Urbanized Area
TRARR	Traffic on Rural Roads	UAA	Use Attainability Analysis (water qual)
TRB	Transportation Research Board (formerly Highway Research Board)	UAM	Urban Air-shed Model
TRIP	The Road Information Program	UAQI	Uniform Air Quality Index
TRIS	Transportation Research Information System (UCB), see C-TRIS	UART	Universal Asynchronous Transmitter Receivers (Computer Chip)
TRIS	Transportation Research Information System; Toxic Release Inventory System	UC	Under-crossing
TRMC	Transit Management Center	UCITS	University of California Institute of Transportation Studies
TRMS	Transit Management Subsystem	UCP	Unified Certification Program (DBE)
TRRL	Transportation Road Research Laboratory	UCS	Unconfined Compressive Strength
TRS	Time Reporting System (history)	UFAS	Uniform Federal Accessibility Standards
TRSP	Traffic-Responsive Plan (Generation)	UG	Underground
TRT	Technical Review Team	UGB	Urban Growth Boundaries
TRVS	Transportation Research Thesaurus	UHPC	Ultra High Performance Concrete
TRVS	Transit Vehicle Subsystem (ITS)	UIT	ultrasonic impact treatment, for welds
TSC	Transportation Systems Center	UITP	International Union of Public Transport
TSCA	Toxic Substances Control Act	ULEV	Ultra Low Emission Vehicles
TSDP	Transportation System Development Plan	UMRA	Un-funded Mandates Reform Act
TSDF	Treatment, Storage and Disposal Facilities	UMTA	Urban Mass Transit Agency,Administration
TSIP	Transportation Systems Information Program	UNESCO	United Nations Educational, Scientific and Cultural Organization
TSM	Transportation System Management program (State, discontinued) See TMS	UNPARs	Unprogram Project Approval Requests
TSN	Transportation System Network	UP	Underpass
TSO	Time-share operation	URISA	Urban and Regional Information Systems Assoc.
TSP	Total Suspended Particulates, Traffic Synchronization Projects	URL	Universal Resource Locator;
TSS	Total Suspended Solids	UROAD	Universal Reader Language
TSSS	Total Station Survey System	USA	Urban Mass Transportation Agency
TTHM	Total Trihalomethane	USC	United States of America;
TTLC	Total Threshold Limit Concentration	USC&GS	Underground Service Alert
TTIA	Technology Transfer Improvements Act of 1995	USCE	United States Code; Unified Soil Classification
TTN	Technology Transfer Network	USCG	United States Coast and Geodetic Survey
TTP	Technology Transfer Program (UCB)	USDA	United States Corps of Engineers (ARMY)
TTY	Teletype	USFS	United States Coast Guard
TUF date	Timely Utilization of Funding?	USFWS	U.S. Department of Agriculture
TVA	Tennessee Valley Authority	USGS	U.S. Forest Service
TVOC	Total Volatile Organic Compounds	USM	United States Fish & Wildlife Service
		USPLS	United States Geological Survey
		USPS	Urban Simulation Model
		USR	United States Public Land Surveys
			US Postal Service
			User Service Requirement

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UST	Underground Storage Tank	WDT	Weight-Distance Tax
USTIP	Updated State Transportation Improvement Program	WEN	Workload Estimating Norm
USTR	United States Trade Representative	WES	Waterways Experiment Station
UTC	Ultimate Transportation Corridor	WET	Wetland Evaluation Technique
UTCS	Urban Traffic Control System	WGRA	Western Governmental Research Association
UTPS	Urban Transportation Planning System	WHO	World Health Organization / United Nations
UUA	use attainability analysis, (EPA, water body recreational use.)	WIB	Workforce Investment Board
UV	Ultraviolet	WPA	watershed protection approach
UZA	Urbanized Area	WPCM	Water Pollution Control Manager
		WPCP	Water Pollution Control Program
		WQBEL	water quality-based effluent limit
		WQC	Water Quality Criteria
		WQI	Watershed Quality Index
		WQS	water quality standard
		WS	White Stripe
		WSP	Welded Steel Pipe
		WSRA	Wild and Scenic Rivers Act
		WSPRO	Water Surface Profile
		WSTP	Wastewater Sewage Treatment Plant
		WWBE	White Women-owned Business Enterprise
		WWTP	Wastewater Treatment Plant
		WWW	World-Wide Web
		WYSIWYG	What you see is what you get
		WZS	Work Zone Safety
		WZTC	Work Zone Traffic Control

U-V

VA	Veterans Administration	Value Analysis
VC	Vertical Curve	
V/C	Volume /Capacity ratio	
VCM	Vertical Control Monumentation	
VDT	Video Display Terminal	
VE	Value Engineering	
VECP	Value Engineering Change Proposal	
VELB	Valley Elderberry Longhorn Beetle (lives in stems \geq one inch)	
VEP	Value Engineering Proposal	
VFC	Vehicle Fuel Consumption	
VGA	Virtual Graphics Array	
VHT	Vehicle-Hours of Travel	
VISTA	Video Information System Training Assoc., Inc.	
VKT	Vehicle Kilometers Traveled	
VMS	Variable Message Sign	
VMT	Vehicle Miles Traveled, common measurement for driving demand	
VOC	Volatile Organic Compounds; Volume and Occupancy Control (Constant)	
VOS	Vehicle Operating Survey	
VRC	Vehicle/Roadside Communications (ITS)	

V-W

WADS	Wide Area Detection Systems
WAN	Wide Area Network
WASHTO	Western Association of State Highway & Transportation Officials
WBE	Woman-owned Business Enterprise
WBS	Work Breakdown Structure
WC	Worker's Compensation
WCC	Work Category Code

WDT	Weight-Distance Tax
WEN	Workload Estimating Norm
WES	Waterways Experiment Station
WET	Wetland Evaluation Technique
WGRA	Western Governmental Research Association
WHO	World Health Organization / United Nations
WIB	Workforce Investment Board
WPA	watershed protection approach
WPCM	Water Pollution Control Manager
WPCP	Water Pollution Control Program
WQBEL	water quality-based effluent limit
WQC	Water Quality Criteria
WQI	Watershed Quality Index
WQS	water quality standard
WS	White Stripe
WSP	Welded Steel Pipe
WSRA	Wild and Scenic Rivers Act
WSPRO	Water Surface Profile
WSTP	Wastewater Sewage Treatment Plant
WWBE	White Women-owned Business Enterprise
WWTP	Wastewater Treatment Plant
WWW	World-Wide Web
WYSIWYG	What you see is what you get
WZS	Work Zone Safety
WZTC	Work Zone Traffic Control

W-X

XPM	Expert Project Management
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X-Y

YARTS	Yosemite Area Regional Transportation System
YATI	Yosemite Area Traveler Information
YS	Yellow Stripe
Y2K	The Year 2000 Computer Problem

Y-Z

ZBB	Zero Based Budgeting: process requiring justification of every dollar (and person-year) of an organization's/program's proposed budget for the budget year. The assumed program level for the budget year is zero, thus intensive justification and critical review of all components is required before approval
ZEV	Zero Emissions Vehicle

Transportation-Related and Other Acronyms in Common Usage

Red = Deemed to be particularly common in Caltrans Local Assistance

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ZRL	Zero Risk Level
3C	Continuing, Cooperative and Comprehensive planning
3E	Education, Enforcement & Encouragement (SR2S)
3R	Resurfacing, Restoration & Rehabilitation work
4Rand Reconstruction
404	ACOE permit for waterway dredging or filling

Mission:	Caltrans Improves Mobility Across California
Home page theme:	Caltrans Gets You There
???????:	We'll Find A Way
???????:	Helping people move goods and services across California more efficiently.
Vision	California will have the safest, best managed, seamless transportation system in the world.

Then there is always <http://www.acronymfinder.com/>